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**SALIWANCHIK, LLOYD & SALIWANCHIK**  
A Professional Association  
P.O. Box 142950  
Gainesville, FL 32614-2950

Telephone (352) 375-8100  
Facsimile (352) 372-5800

**TO:** Examiner Jon D. Epperson  
Art Unit 1639

**FROM:** Frank C. Eisenschenk, Ph.D.

**COMPANY:** U.S. Patent and Trademark Office

**DATE:** July 7, 2005

**FAX NO.:** 1-703-872-9306

**NO. OF PAGES:** 20  
**(INCLUDING COVER SHEET)**

**SUBJECT/MESSAGE:**

**Re:** U.S. Patent Application Docket No. TPI-T100XC1  
SAMPLE ARRAYS AND HIGH-THROUGHPUT TESTING THEREOF  
TO DETECT INTERACTIONS  
(Putnam, Galakatos, Langer)  
Serial No. 09/628,667; filed July 28, 2000  
Conf. No. 3663

**ATTACHMENT:** Amendment Under 35 USC §1.111 (15 pages)  
Copies of Definitions for "Optimize" and "Robot" from The Webster's II  
New Riverside Dictionary (Soukhanov *et al.*, Eds., 1988, The Riverside  
Publishing Co., Boston), pages 825 and 1015 and cover pages (4 pages)

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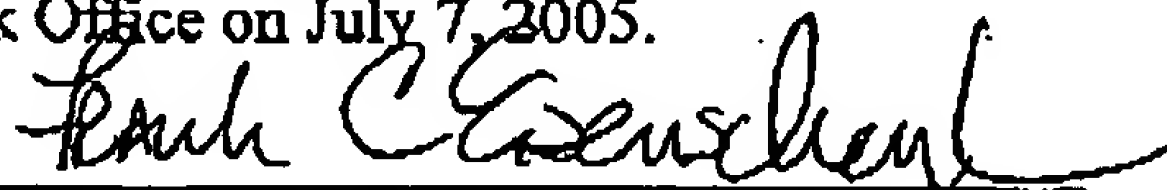
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Frank C. Eisenschenk, Ph.D., Patent Attorney

AMENDMENT UNDER 37 CFR §1.111

Examining Group 1639

Patent Application

Docket No. TPI-T100XC1

Serial No. 09/628,667

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Jon D. Epperson  
Art Unit : 1639  
Applicants : David Putnam, Nicholas Galakatos, Robert S. Langer  
Serial No. : 09/628,667  
Filed : July 28, 2000  
Conf. No. : 3663  
For : Sample Arrays and High-Throughput Testing Thereof to Detect Interactions

## MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

AMENDMENT UNDER 37 CFR §1.111

Sir:

In response to the Office Action dated April 7, 2005, please amend the above-identified  
patent application as follows: